

GenCore version 5.1.6
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CM protein - protein search, using sw model

Run on: April 19, 2004, 13:15:32 ; Search time 23 Seconds
(without alignments)
1070.678 Million cell updates/sec

Title: US-09-990-440-285

Perfect score: 2561

Sequence: 1 MTSKFIIVSFILALSLSTT.....SQIPALQDMHAEIAQLQA 477

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*
1: /cgm2_6/ptodata/2/iaa/5A_COMB.pap.*
2: /cgm2_6/ptodata/2/iaa/5B_COMB.pap.*
3: /cgm2_6/ptodata/2/iaa/6A_COMB.pap.*
4: /cgm2_6/ptodata/2/iaa/6B_COMB.pap.*
5: /cgm2_6/ptodata/2/iaa/PTCUS_COMB.pap.*
6: /cgm2_6/ptodata/2/iaa/backfiles1.pap.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1810	70.7	355	2	US-09-014-969-19
2	1034	40.4	453	4	US-09-800-729-83
3	719	28.1	136	4	US-09-621-976-3913
4	629.5	24.6	873	3	US-09-187-331-6
5	629.5	24.6	873	4	US-09-470-946-6
6	629.5	24.6	873	4	US-09-438-906-2
7	629.5	24.6	873	4	US-09-438-906-4
8	629.5	24.6	925	2	US-08-392-946-1
9	629.5	24.6	925	2	US-08-504-169-1
10	629.5	24.6	925	5	PCT-US94-14893-1
11	534.5	20.9	438	3	US-09-187-331-2
12	534.5	20.9	438	4	US-09-470-946-2
13	465.5	18.2	829	1	US-08-346-455B-34
14	465.5	18.2	829	3	US-09-977-221-34
15	465.5	18.2	829	4	US-09-483-831B-34
16	465.5	18.2	829	5	PCT-US95-06613-34
17	465.5	18.2	915	1	US-08-346-455B-69
18	465.5	18.2	915	3	US-08-977-221-69
19	465.5	18.2	915	4	US-09-483-831B-69
20	465.5	18.2	915	5	PCT-US95-06613-69
21	429.5	16.8	861	1	US-08-346-455B-67
22	429.5	16.8	861	3	US-08-977-221-67
23	429.5	16.8	861	4	US-09-483-831B-67
24	429.5	16.8	861	5	PCT-US95-06613-67
25	375	14.6	788	1	US-08-346-455B-36
26	375	14.6	788	3	US-08-977-221-36
27	375	14.6	788	4	US-09-483-831B-36

28	375	14.6	788	5	PCT-US95-06613-36
29	371	14.5	979	1	US-08-346-455B-38
30	371	14.5	979	3	US-08-977-221-38
31	371	14.5	979	4	US-09-483-831B-70
32	371	14.5	979	5	PCT-US95-06613-38
33	197	7.7	151	4	US-09-621-976-3891
34	139.5	5.4	108	4	US-09-621-976-7142
35	111.5	4.4	589	4	US-09-543-681A-4194
36	109	4.3	709	4	US-09-668-673B-3
37	105.5	4.1	819	4	US-09-468-656A-10
38	101.5	4.0	972	3	US-08-335-844A-23
39	101.5	4.0	972	4	US-09-129-366-23
40	101	3.9	627	4	US-09-328-352-7547
41	98.5	3.8	763	3	US-08-961-083-66
42	98.5	3.8	763	4	US-09-536-784-66
43	98.5	3.8	838	4	US-09-468-656A-4
44	98	3.8	1541	3	US-08-296-791-3
45	98	3.8	1541	4	US-09-839-996-3

ALIGNMENTS

RESULT 1
US-09-014-969-19
Sequence 19, Application US/09014969

Patent No. 5965397
GENERAL INFORMATION:
APPLICANT: Jacobs, Kenneth
APPLICANT: McCoy, John M.
APPLICANT: Lavallie, Edward R.
APPLICANT: Racie, Lisa A.
APPLICANT: Merberg, David
APPLICANT: Treacy, Maurice
APPLICANT: Spaulding, Vikki
APPLICANT: Agostino, Michael J.
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
TITLE OF INVENTION: ENCODING THEM
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: U.S.A.
ZIP: 02140

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/014,969
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Sprunger, Suzanne A.
REGISTRATION NUMBER: 41,323
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8284
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-014-969-19

Query Match 70.7%; Score 1810; DB 2; Length 355;
Best Local Similarity 99.4%; Pred. No. 2.6e-173;
Matches 335; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MTSKFLVSVFLAALSSTTFSQLDQOKVLLVSFDGFRWDYLYKYPTPHFYIMKYGVH 60
DB 1 MTSKFLVSVFLAALSSTTFSQLDQOKVLLVSFDGFRWDYLYKYPTPHFYIMKYGVH 60
QY 61 VKQVTNVTITKTPNHYTLVTGLFAENHGIIVANDMPPIRNKSPSLDHNNIYDSKFWEEA 120
DB 61 VKQVTNVTITKTPNHYTLVTGLFAENHGIIVANDMPPIRNKSPSLDHNNIYDSKFWEEA 120
QY 121 TPIWITNORAGHTSGAAMPCTDVKIHKRPPTHYMPYNESVSPEDRVAKIVWFTSKPT 180
DB 121 TPIWITNORAGHTSGAAMPCTDVKIHKRPPTHYMPYNESVSPEDRVAKIVWFTSKPT 180
QY 181 NLGLLYWEDPDDMGHLGPDSPMLGPIVSDIDKGLYLQMLKAKLWNTLNIITSDEH 240
DB 181 NLGLLYWEDPDDMGHLGPDSPMLGPIVSDIDKGLYLQMLKAKLWNTLNIITSDEH 240
QY 241 MTQCSERLIELDQYLDKDYHTLIDQSPVAAILPKEGKFDVEVEALTHAHPNLTIVYKED 300
DB 241 MTQCSERLIELDQYLDKDYHTLIDQSPVAAILPKEGKFDVEVEALTHAHPNLTIVYKED 300
QY 301 VPERWHYKXNSRIQPIIATAVDEGHILQNKSDDDLFG 337
DB 301 VPERWHYKXNSRIQPIIATAVDEGHILQNKSDDDLFG 337

RESULT 2

US-09-800-729-83
; Sequence 83, Application US/09800729
; Patent No. 6605592
; GENERAL INFORMATION:
; APPLICANT: N1 et al.
; TITLE OF INVENTION: 32 Human secreted proteins
; FILE REFERENCE: P2044P1
; CURRENT APPLICATION NUMBER: US/09/800,729
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: PCT/US00/26013
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/155,709
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 83
; LENGTH: 453
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-800-729-83

Query Match 40.4%; Score 1034; DB 4; Length 453;
Best Local Similarity 45.9%; Pred. No. 3.7e-95;
Matches 208; Conservative 73; Mismatches 132; Indels 40; Gaps 10;

QY 6 ILVSVFLAALSSTTFSQLDQOKVLLVSFDGFRWDYLYKYPTPHFYIMKYGVHVKQVT 65
DB 7 LIFSGLITCCGNSHSL---PSKLLVSVDFGRADYLNQTFPHLQNFKEGVLVSHVK 63
QY 66 NVFTITKTPNHYTLVTGLFAENHGIIVANDMPPIRNKSPSLDHNNIYDSK---FWEEATP 122
DB 64 NVFTITKTPNHYTLVTGLYESSHGIVANSMDYITKK---HFSDFDDKDPFWNEAVP 118
QY 123 IWTNQ-RAGHTSGAAMPCTDVKIHKRPPTHYMPYNESVSPEDRVAKIVW-FTSKPT 180
DB 119 IWTNQLQENSSAAAMPCTDVPHTNTPSPYFNYSVSSVFEERLNNITWLMNSPPV 178
QY 181 NLGLLYWEDPDDMGHLGPDSPMLGPIVSDIDKGLYLQMLKAKLWNTLNIITSDEH 239
DB 179 TFAIYWEEDPASGHYKGPEDKENMYRVLKEVDLIGLVHKLVLGLWENLVNIITSDEH 238
QY 240 GMTQCSERLIELDQYLDKDYHTLIDQSPVAAILPKEGKFDVEVEALTHAHPNLTIVYKED 299
DB 239 GMTQCSKDLINLIDICIDRSSVTLVDLTPVAALVPKINT-TEVYNKLVKVCNPHNNVYLKE 297
QY 300 DVPERWHYKXNSRIQPIIATAVDEGHILQNKSDDDLFGNHYDNLADMDHPIFLAHGPAF 359

Mon

DB 298 DIPARHYQHNDRIQPIIIVADEGWTIVANKSLP-KLGDHGYDNLSSMHPFLAAHGPAF 356
QY 360 RNFSKEMNSTDYPLCHLLNITAMPNGSWNVQDILNSAMPRVVPYVPTQSTILLPGS 419
DB 357 HKYKHTSTINSVDIYPMWCHILGLKPHNNGTFGHTKCLL-----VDQWCINLPEA 407
QY 420 VKPAEYDQEGSYPIFGVSLGSIIVIVFFVIFI 452
DB 408 -----IGIVIGALLVLTATCLI 425

RESULT 3

US-09-621-976-3913
; Sequence 3913, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 3913
; LENGTH: 136
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -22...-1
US-09-621-976-3913

Query Match 28.1%; Score 719; DB 4; Length 136;
Best Local Similarity 99.3%; Pred. No. 2.4e-64;
Matches 135; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MTSKFLVSVFLAALSSTTFSQLDQOKVLLVSFDGFRWDYLYKYPTPHFYIMKYGVH 60
DB 1 MTSKFLVSVFLAALSSTTFSQLDQOKVLLVSFDGFRWDYLYKYPTPHFYIMKYGVH 60
QY 61 VKQVTNVTITKTPNHYTLVTGLFAENHGIIVANDMPPIRNKSPSLDHNNIYDSKFWEEA 120
DB 61 VKQVTNVTITKTPNHYTLVTGLFAENHGIIVANDMPPIRNKSPSLDHNNIYDSKFWEEA 120
QY 121 TPIWITNORAGHTSGA 136
DB 121 TPIWITNORAGHTSGA 136

RESULT 4

US-09-187-331-6
; Sequence 6, Application US/09187331
; Patent No. 6043056
; GENERAL INFORMATION:
; APPLICANT: Yue, Henry
; APPLICANT: Corley, Neil C.
; APPLICANT: Guegler, Karl J.
; APPLICANT: Gorgone, Gina A.
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: CELL SURFACE GLYCOPROTEINS
; FILE REFERENCE: PF-0631 US
; CURRENT APPLICATION NUMBER: US/09/187,331
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PERL Program
; SEQ ID NO 6
; LENGTH: 873
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE: -